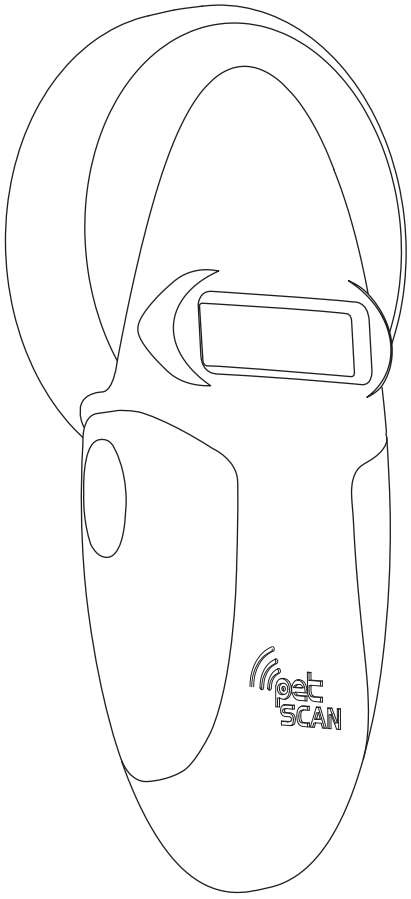

RealTrace

Electronic identification of companion animals with microchip implants

petSCAN RT100

Microchip reader

User guide

RealTrace

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Congratulations, you are now the owner of a « petSCAN » RT100. This reader can read all microchip implants of the FDX-B type (conforming to the ISO norm 11784) intended to pets identification.
As you can see the product is easy to use.

Language choice

Hold the petSCAN and press (about 5 seconds) with thumb or index finger (right handed or left handed person) the blue button, located on the left side of the reader. The reader will display successively different languages. When your language is displayed, release the button.
The reader will " beep " confirming your choice.

Reading a transponder

Switch on the reader by pressing the blue button (about 2 seconds). The reader will then be activated.
After shortly displaying the language choosen by the user, the following message will appear on the display :

Press SCAN to read

By pressing the button another time the reader will start to search for a microchip.
The following message will be displayed on the LCD screen:

Reading

Keep the reader in your hand and bring the reader 's aerial near the animal 's body.
Scan slowly the area where a microchip is expected to be found while keeping the reader for a few centimeter's distance from the animal 's skin.
The reader will be scanning for about 15 seconds.
Once the reader has finished searching, two situations can arise :

1/ If a microchip has been found the reader will « beep » and the unique identication number is displayed :

Tag: FDX B 826 000035672989

In the example shown, the reader indicates that the chip found is of FDX-B type. The identification number will always be 15 digits.
The first three digit indicates either the international country code or the manufacturer code attributed by ICAR (International Committee for Animal Identification). In this case 826 is Great Britain code.

The idenfication number will remain displayed on the LCD screen for about one minute before the reader switches off automatically. While displaying, a new press on the button re-activates reading.
Warning : once the reader is switch off, it will not be possible to display the last identification number read again

2/ If no microchip has been found after 15 seconds searching, the reader will beep three times and the following message will be displayed on the screen.

No tag found !

The LCD screen will stop displaying the message after about 15 seconds.

If this situation arise, try finding the microchip again. To do so you must re-activate the reader by pressing the button.
Scan the possible microcip implantation area with as large a sweeping movement as possible.
If necessary, repeat the operation after having re-activated the reader again.

Replacing the battery

Only use 9V alkaline batteries of the PP3 type.

If the battery is running low the reader will beep twice and will display every five readings the following message :

Low battery

When the battery is too low the reader display this message and switch off immediatly.
To replace the battery, open the battery compartment situated under the reader and replace the used battery with a new one.
Close the battery compartment and check that the locking mechanism is in place

Technical specifications

Conforming to CE norms and ISO 11784 (controlled by CETIM)

CE

Dimensions : L 15cm, W 8cm, H 3.5cm
Weight : 140 grams
Power : standard 9 Volt alkaline (or lithium) battery PP3
Reading distance : 8 to 10 centimeters. Depending of the manufaturer microchip.
Temperatures :
Storage conditions : -40°C to + 70°C
Usages conditions : -5°C to + 40°C

Made in China